

In the Claims

1-21 (canceled).

22 (currently amended): A method of controlling weeds ~~or plant pathogens~~ comprising the application of a bioactive herbage (plant material) composition comprising dried bioactive herbage to: 1) soil, greenhouse growing media, or nursery growing media as an amendment; or 2) as top dressing for potted plants in amounts sufficient to control weeds ~~or plant pathogens~~, wherein said bioactive herbage is obtained from: a) *Monarda* spp.; b) *Chamaemelum* spp.; c) *Matricaria* spp.; d) *Chenopodium* spp; or e) various combinations of a), b), c), and d).

23 (previously presented): The method according to claim 22, wherein said bioactive herbage is obtained from *Monarda* spp. and is incorporated into soil, greenhouse growing media, or nursery growing media as an amendment.

24 (withdrawn): The method according to claim 22, wherein said bioactive herbage is obtained from *Chamaemelum* spp. and is incorporated into soil, greenhouse growing media, or nursery growing media as an amendment.

25 (withdrawn): The method according to claim 22, wherein said bioactive herbage is obtained from *Matricaria* spp. and is incorporated into soil, greenhouse growing media, or nursery growing media as an amendment.

26 (withdrawn): The method according to claim 22, wherein said bioactive herbage is obtained from *Chenopodium* spp. and is incorporated into soil, greenhouse growing media, or nursery growing media as an amendment.

27 (previously presented): The method according to claim 22, wherein said bioactive herbage composition comprises a mixture of bioactive herbage obtained from: a) *Monarda* spp.; b)

*Chamaemelum* spp. and/or *Matricaria* spp.; and, optionally, d) *Chenopodium* spp. or epazote and is incorporated into soil, greenhouse growing media, or nursery growing media as an amendment.

28 (canceled).

29 (previously presented): The method according to claim 22, wherein said bioactive herbage composition comprises additional bioactive herbage (plant material) and wherein said additional bioactive herbage is, optionally, dried.

30-42 (canceled).

43 (withdrawn-currently amended): The method according to claim 22, wherein said bioactive herbage is obtained from *Monarda* spp. and is applied as top dressing for potted plants in amounts sufficient to control weeds, ~~plant pests, or plant pathogens~~.

44 (withdrawn-currently amended): The method according to claim 22, wherein said bioactive herbage is obtained from *Chamaemelum* spp. and is applied as top dressing for potted plants in amounts sufficient to control weeds, ~~plant pests, or plant pathogens~~.

45 (withdrawn-currently amended): The method according to claim 22, wherein said bioactive herbage is obtained from *Matricaria* spp. and is applied as top dressing for potted plants in amounts sufficient to control weeds, ~~plant pests, or plant pathogens~~.

46 (withdrawn-currently amended): The method according to claim 22, wherein said bioactive herbage is obtained from *Chenopodium* spp. and is applied as top dressing for potted plants in amounts sufficient to control weeds, ~~plant pests, or plant pathogens~~.

47 (withdrawn-currently amended): The method according to claim 22, wherein said bioactive herbage composition comprises a mixture of bioactive herbage obtained from *Monarda* spp., *Chamaemelum* spp. and/or *Matricaria* spp. and, optionally, *Chenopodium* spp. or epazote and is applied as top dressing for potted plants in amounts sufficient to control weeds, ~~plant pests, or plant pathogens~~.

48 (currently amended): A method of controlling fungal pathogens comprising the application of a bioactive herbage (plant material) composition comprising dried bioactive herbage to soil, greenhouse growing media, or nursery growing media as an amendment or as top dressing for potted plants in amounts sufficient to control a fungal pathogen selected from *Fusarium*, *Pythium*, *Rhizoctonia*, *Sclerotinia* or *Verticillium* species, wherein said bioactive herbage is obtained from: a) *Monarda* spp.; b) *Chamaemelum* spp.; c) *Matricaria* spp.; d) *Chenopodium* spp; or e) various combinations of a), b), c), and d).

49 (previously presented): The method according to claim 48, wherein said bioactive herbage is obtained from *Monarda* spp. and is incorporated into soil, greenhouse growing media, or nursery growing media as an amendment.

50 (withdrawn): The method according to claim 48, wherein said bioactive herbage is obtained from *Chamaemelum* spp. and is incorporated into soil, greenhouse growing media, or nursery growing media as an amendment.

51 (withdrawn): The method according to claim 48, wherein said bioactive herbage is obtained from *Matricaria* spp. and is incorporated into soil, greenhouse growing media, or nursery growing media as an amendment.

52 (withdrawn): The method according to claim 48, wherein said bioactive herbage is obtained from *Chenopodium* spp. and is incorporated into soil, greenhouse growing media, or nursery growing media as an amendment.

53 (previously presented): The method according to claim 48, wherein said bioactive herbage composition comprises a mixture of bioactive herbage obtained from *Monarda* spp., *Chamaemelum* spp. and/or *Matricaria* spp. and, optionally, *Chenopodium* spp. or epazote and is incorporated into soil, greenhouse growing media, or nursery growing media as an amendment.

54 (canceled).

55 (previously presented): The method according to claim 48, wherein said bioactive herbage composition comprises additional bioactive herbage (plant material) and wherein said additional bioactive herbage is, optionally, dried.

56 (withdrawn): The method according to claim 48, wherein said bioactive herbage is obtained from *Monarda* spp. and is applied as top dressing for potted plants in amounts sufficient to control said fungal pathogen.

57 (withdrawn): The method according to claim 48, wherein said bioactive herbage is obtained from *Chamaemelum* spp. and is applied as top dressing for potted plants in amounts sufficient to control said fungal pathogen.

58 (withdrawn): The method according to claim 48, wherein said bioactive herbage is obtained from *Matricaria* spp. and is applied as top dressing for potted plants in amounts sufficient to control said fungal pathogen.

59 (withdrawn): The method according to claim 48, wherein said bioactive herbage is obtained from *Chenopodium* spp. and is applied as top dressing for potted plants in amounts sufficient to control said fungal pathogen.

60 (withdrawn): The method according to claim 48, wherein said bioactive herbage composition comprises a mixture of bioactive herbage obtained from *Monarda* spp., *Chamaemelum* spp. and/or *Matricaria* spp. and, optionally, *Chenopodium* spp. or epazote and is applied as top dressing for potted plants in amounts sufficient to control said fungal pathogen.

61 (previously presented): The method according to claim 22, wherein said bioactive herbage has a particle size of about 1mm to 5 mm.

62 (currently amended): A method of controlling plant pests comprising the application of a bioactive herbage (plant material) composition comprising dried bioactive herbage to: 1) soil, greenhouse growing media, or nursery growing media as an amendment; or 2) as top dressing for potted plants in amounts sufficient to control weeds, plant pests, ~~or plant pathogens~~, wherein said

bioactive herbage is obtained from: a) *Monarda* spp.; b) *Chamaemelum* spp.; c) *Matricaria* spp.; d) *Chenopodium* spp; or e) various combinations of a), b), c), and d).

63 (previously presented): The method according to claim 62, wherein said bioactive herbage composition comprises a mixture of bioactive herbage obtained from: a) *Monarda* spp.; b) *Chamaemelum* spp. and/or *Matricaria* spp.; and, optionally, d) *Chenopodium* spp. or epazote and is incorporated into soil, greenhouse growing media, or nursery growing media as an amendment.

64 (canceled).

65 (previously presented): The method according to claim 62, wherein said bioactive herbage composition comprises additional bioactive herbage (plant material) and wherein said additional bioactive herbage is, optionally, dried.

66 (previously presented): The method according to claim 62, wherein said bioactive herbage has a particle size of about 1mm to 5 mm.